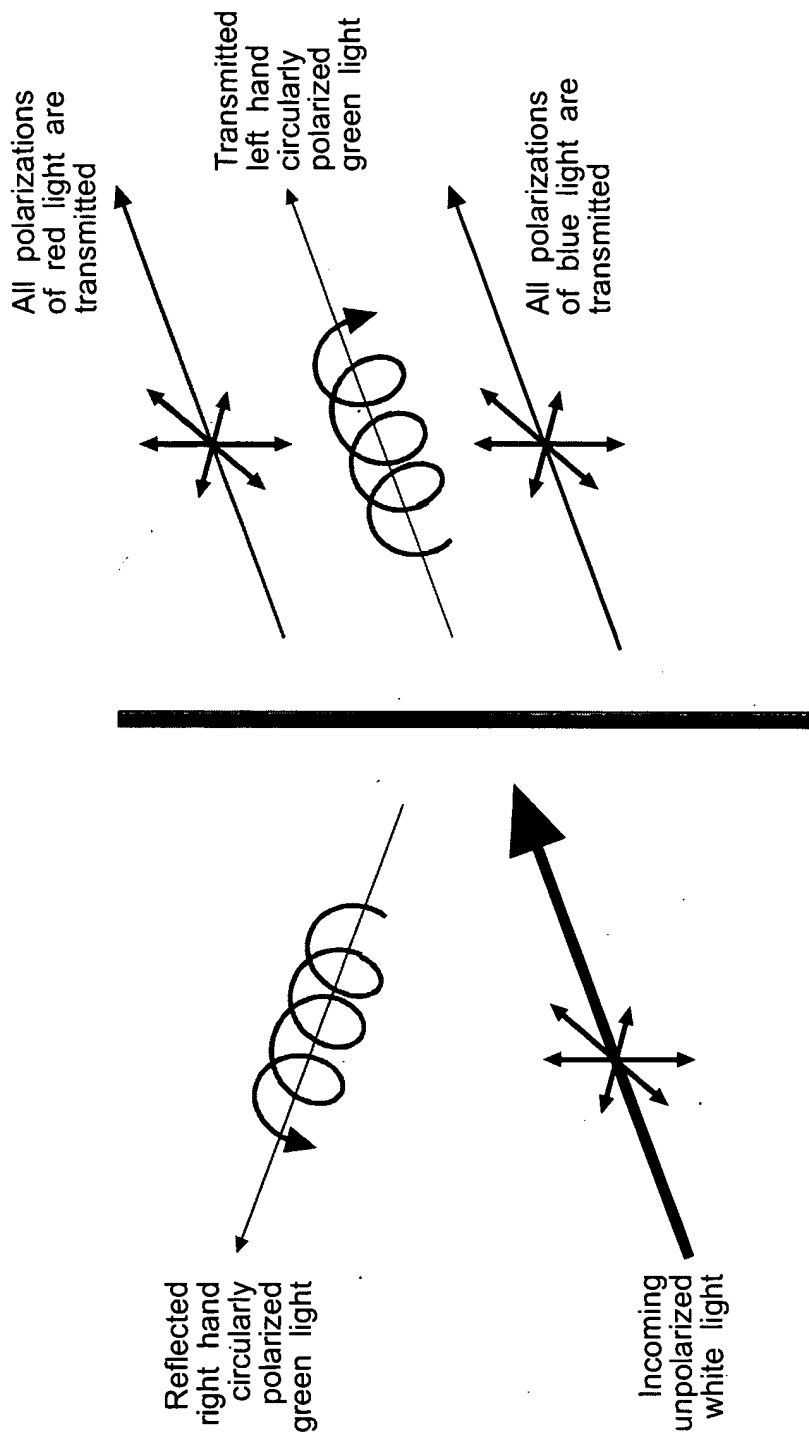


FIG. 1

INTERACTION OF UNPOLARIZED WHITE LIGHT WITH "RIGHT HAND GREEN" CHOLESTERIC FILM



"Right hand green"
cholesteric
liquid crystal film

FIG. 2A

INTERACTION OF UNPOLARIZED WHITE LIGHT WITH "RIGHT HAND RED" CHOLESTERIC FILM

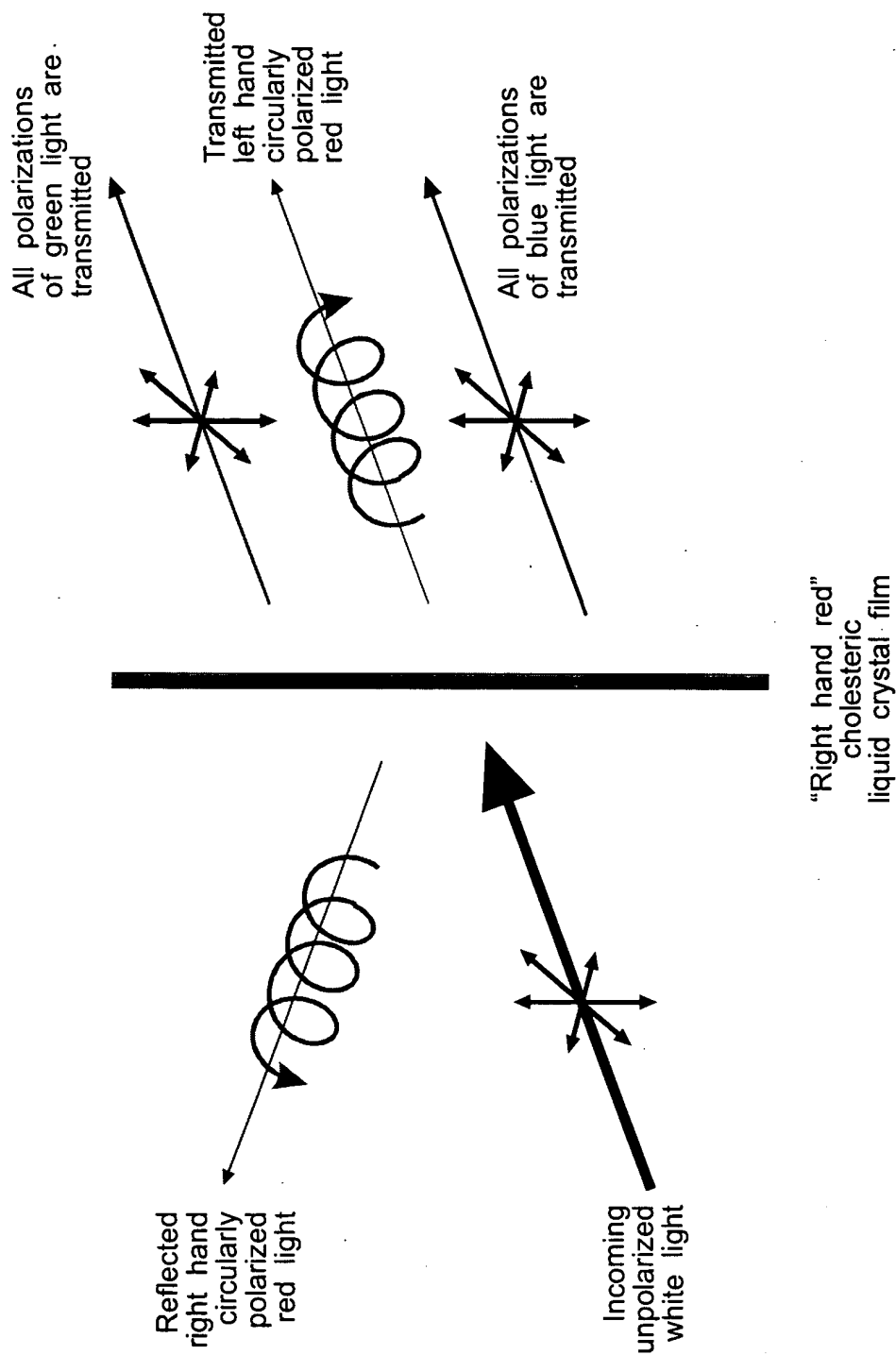
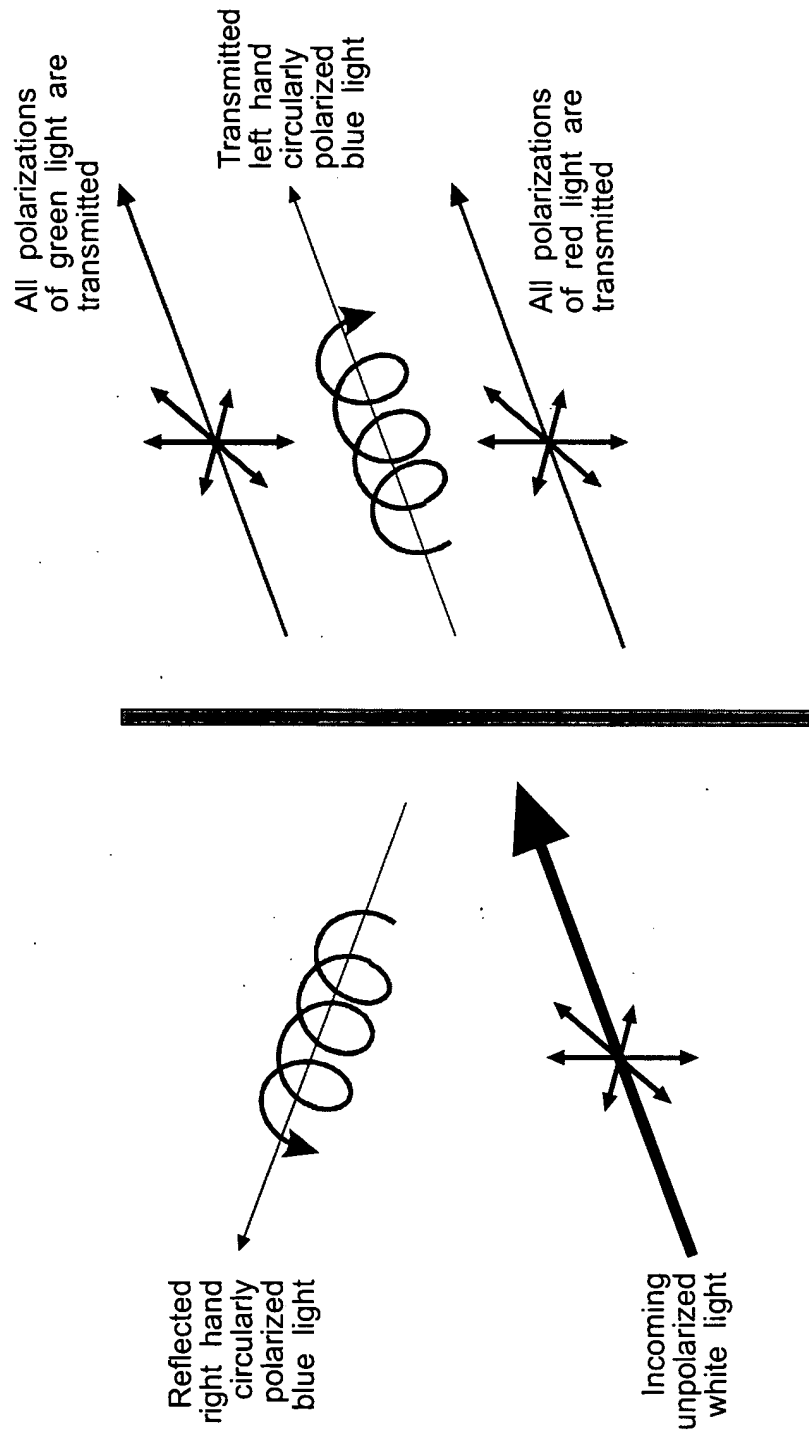


FIG. 2B

INTERACTION OF UNPOLARIZED WHITE LIGHT WITH "RIGHT HAND BLUE" CHOLESTERIC FILM



"Right hand blue"
cholesteric
liquid crystal film

FIG. 2C

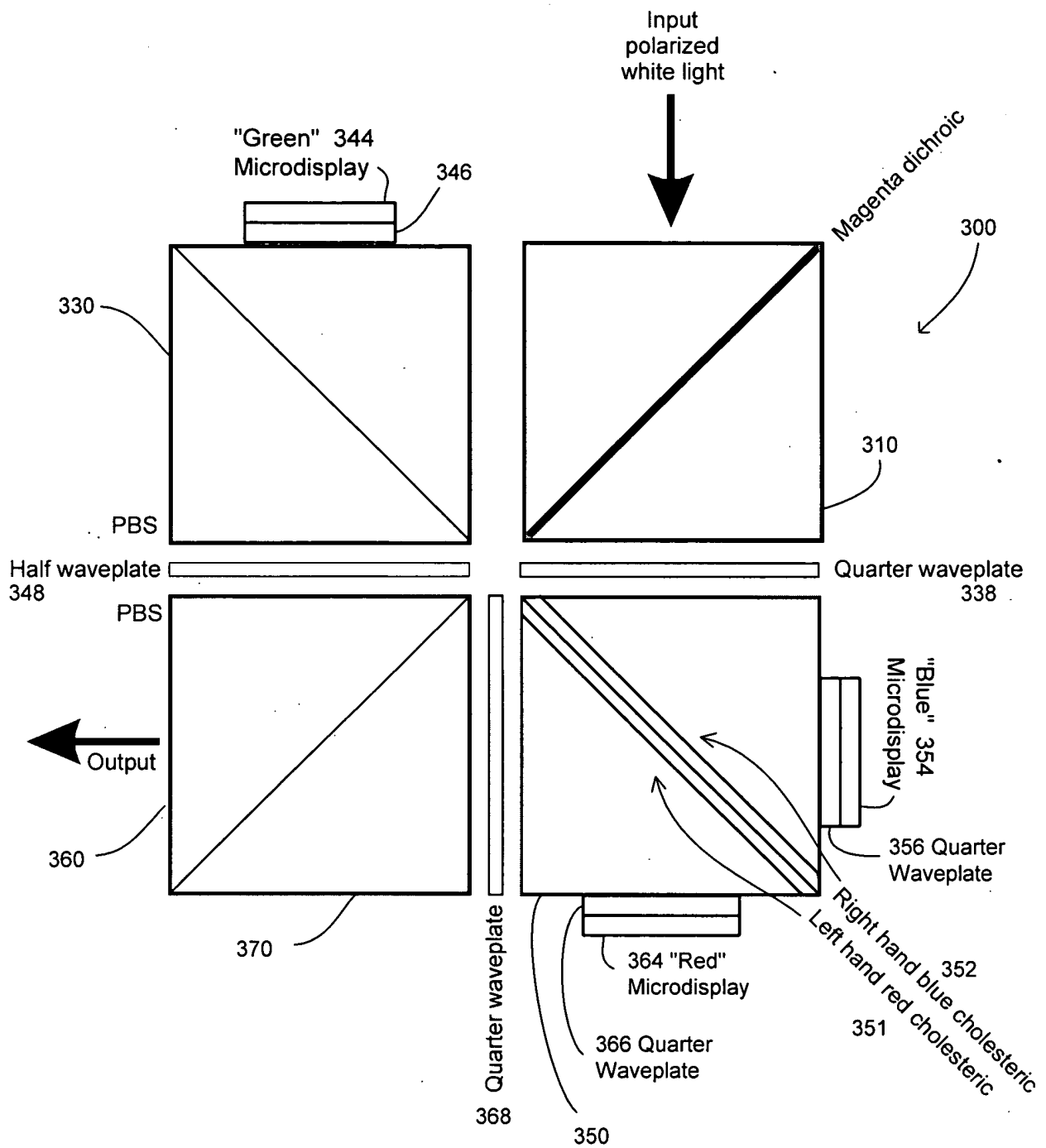


FIG. 3

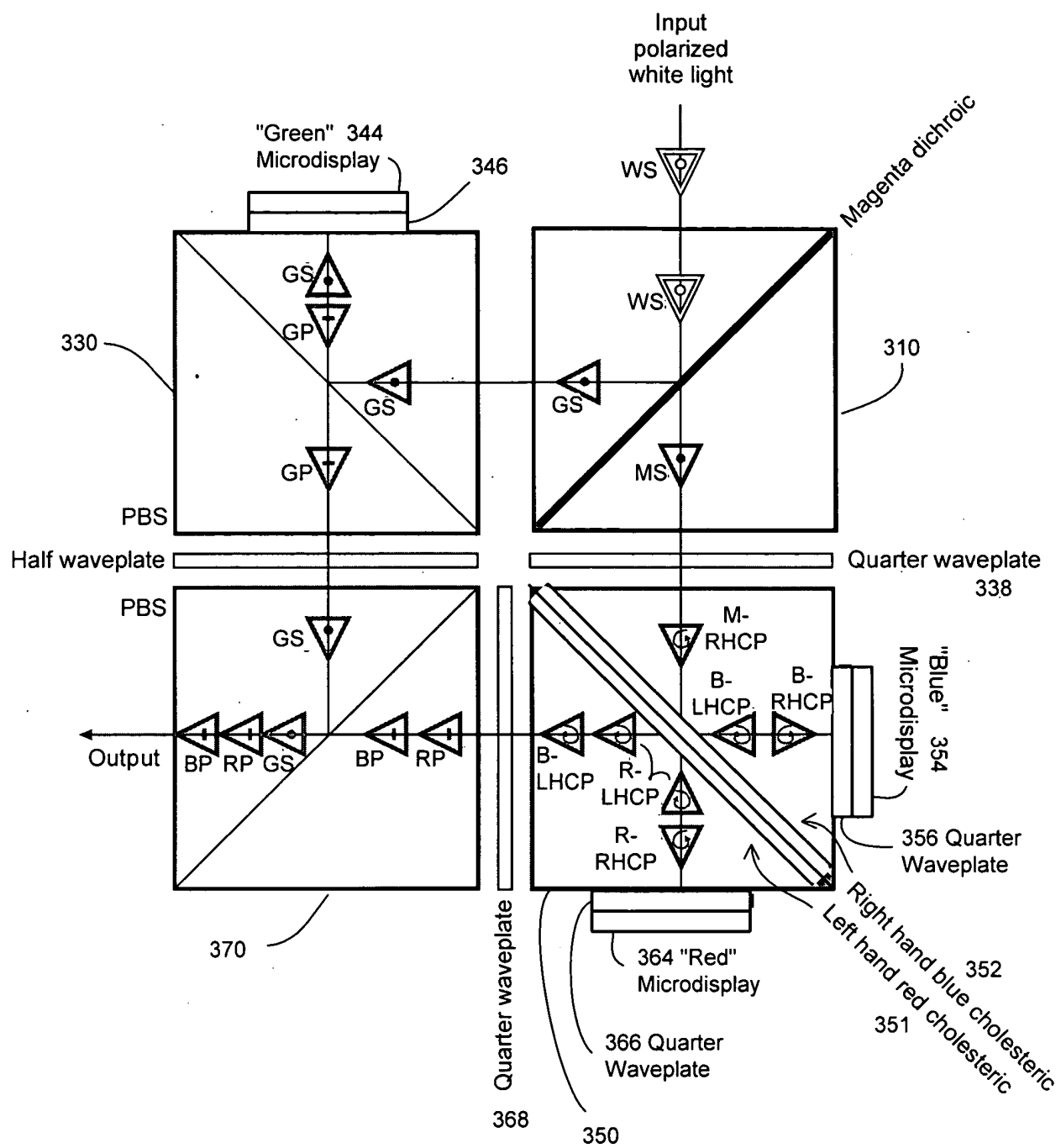
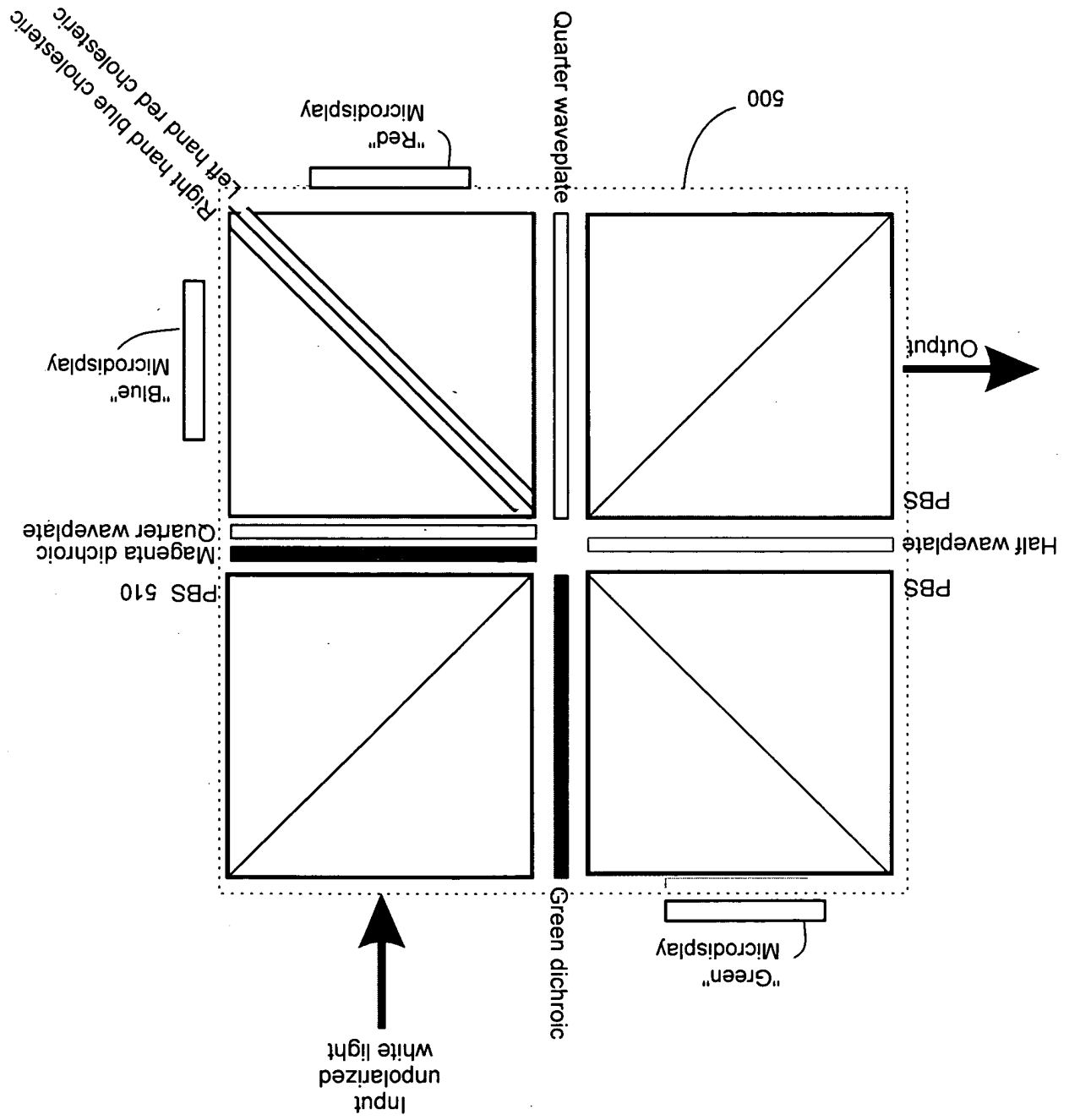


FIG. 4

FIG. 5



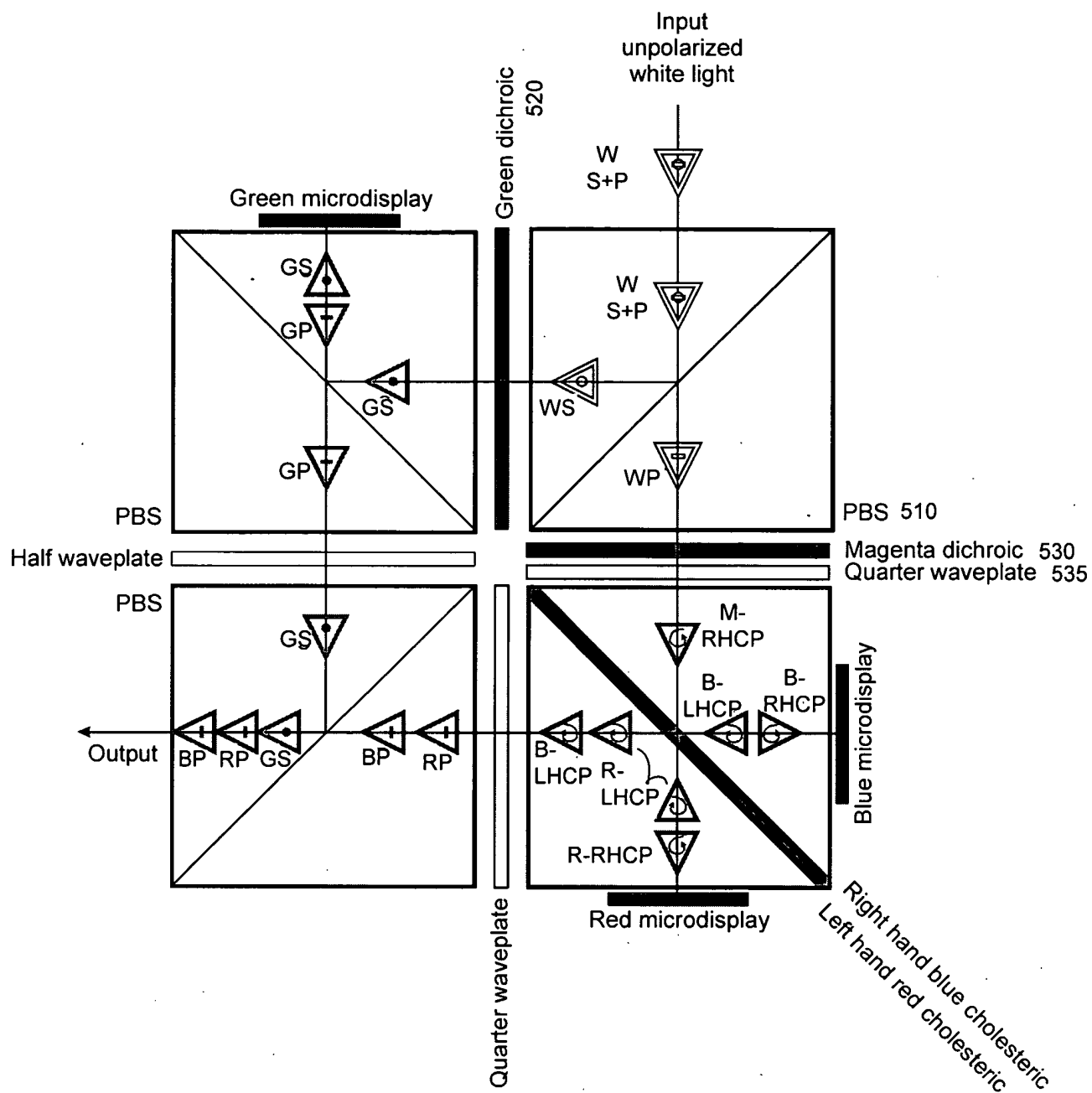


FIG. 6

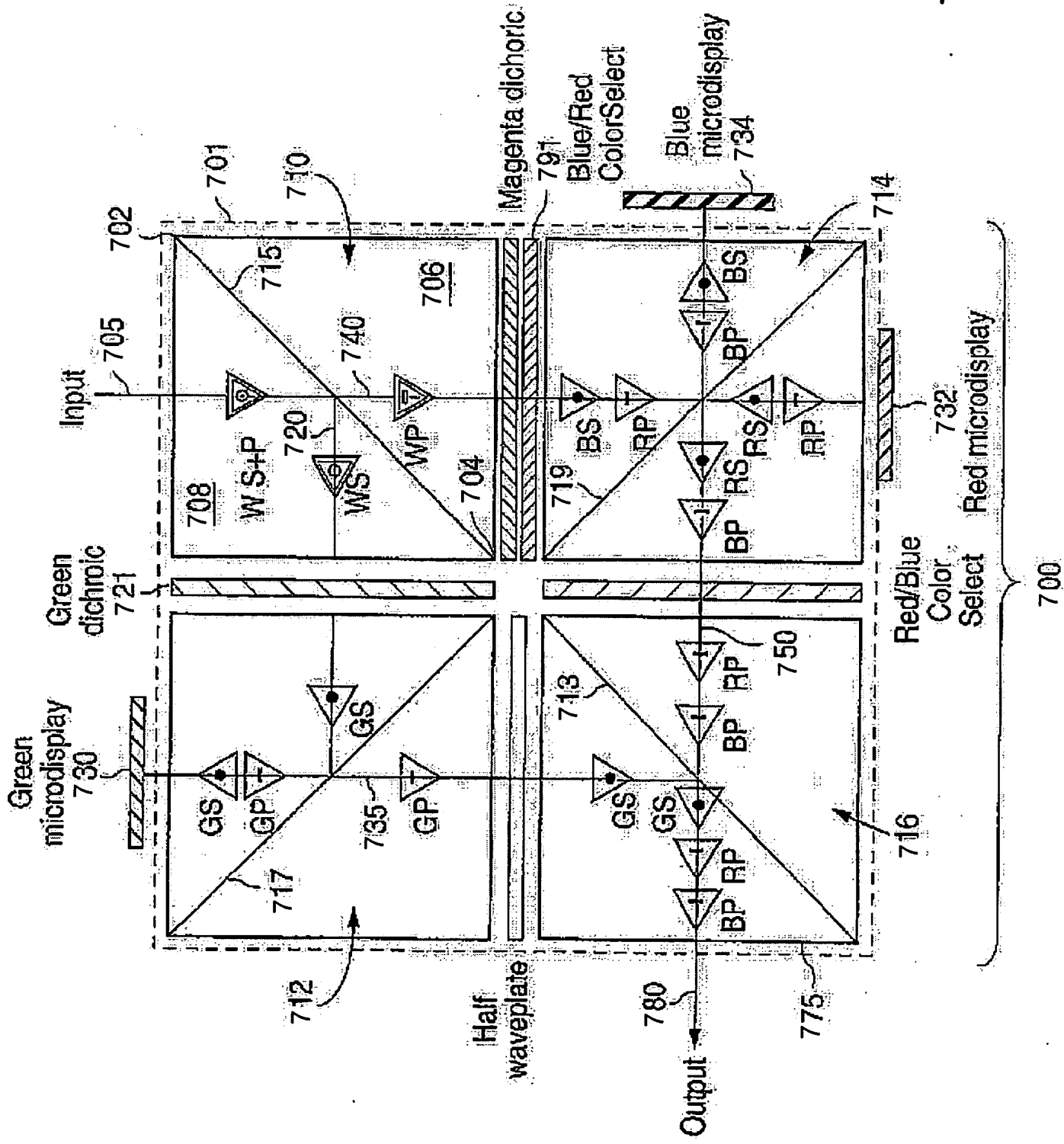


FIG. 7

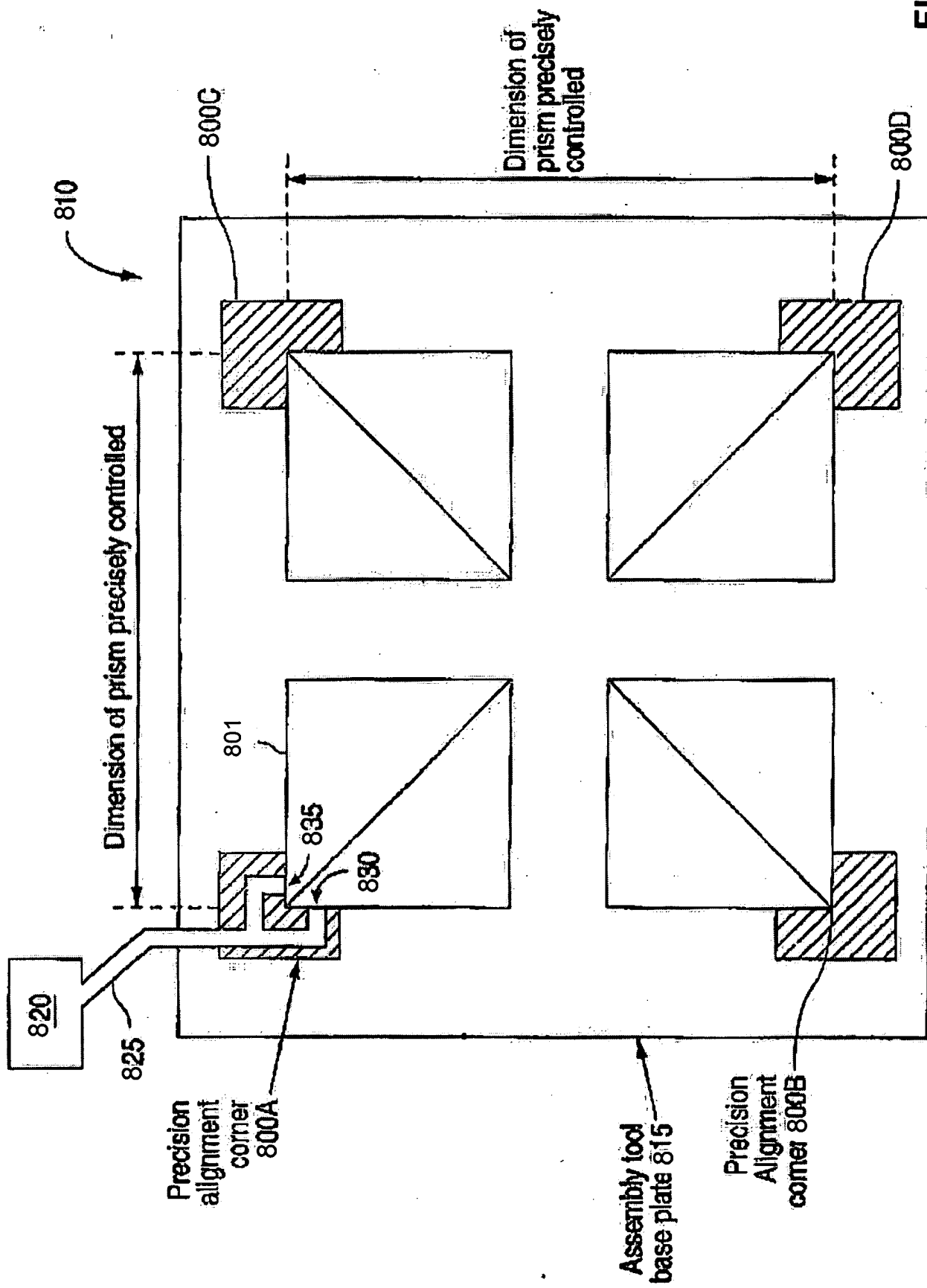


FIG. 8

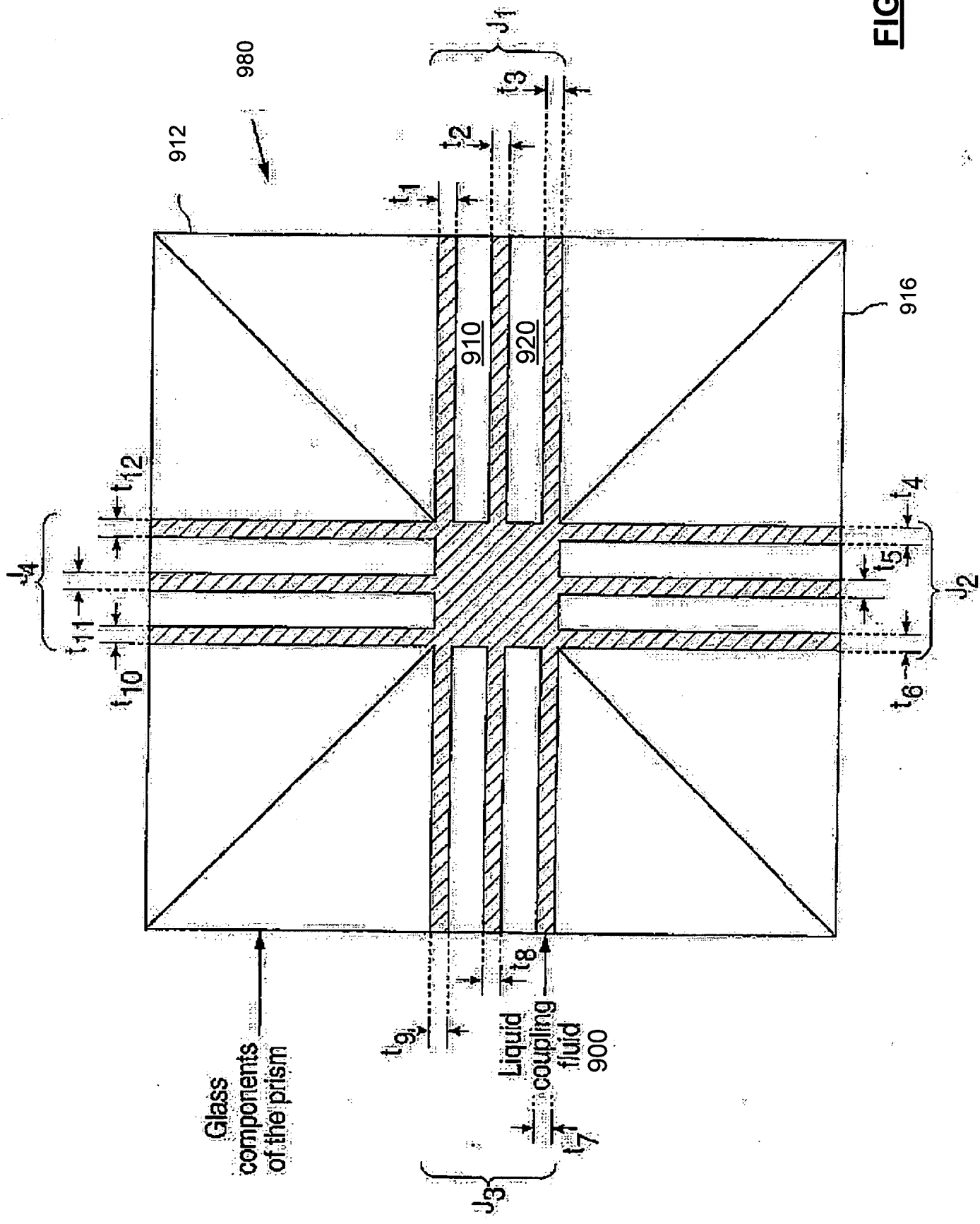


FIG. 9

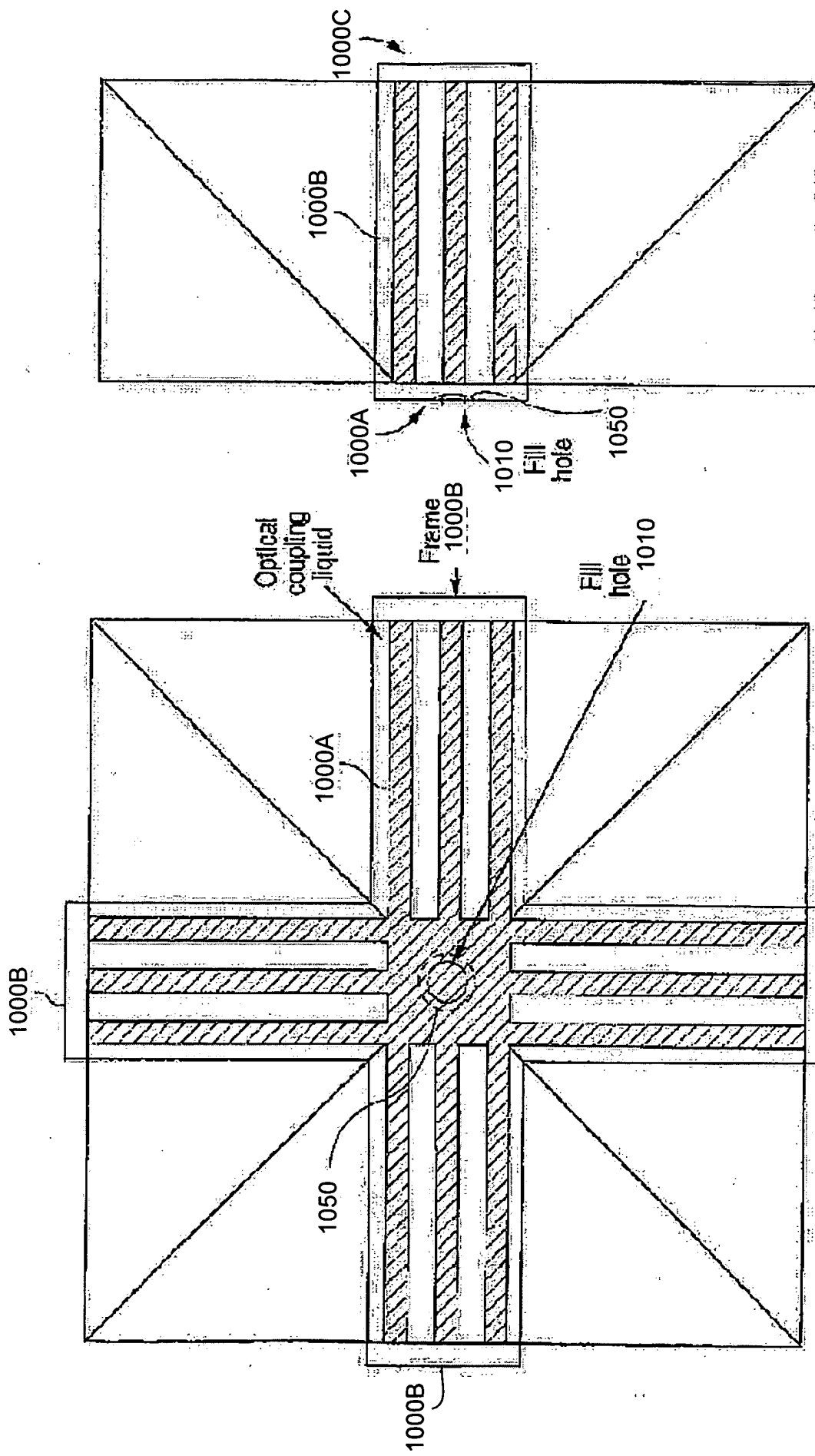


FIG. 10B

FIG. 10A

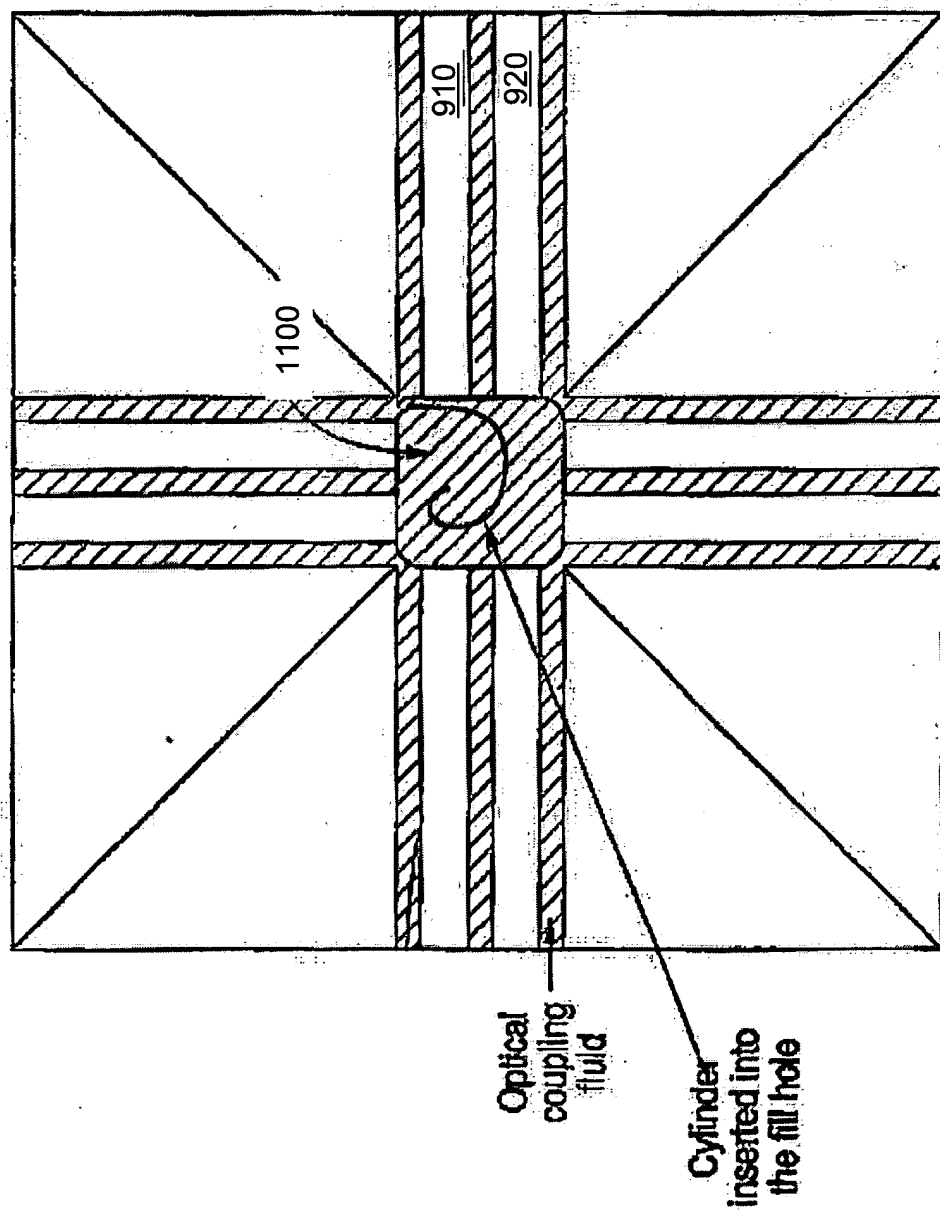
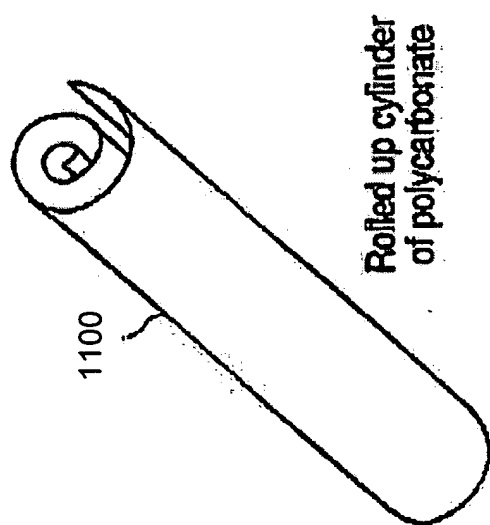


FIG. 11A



Rolled up cylinder
of polycarbonate

FIG. 11B

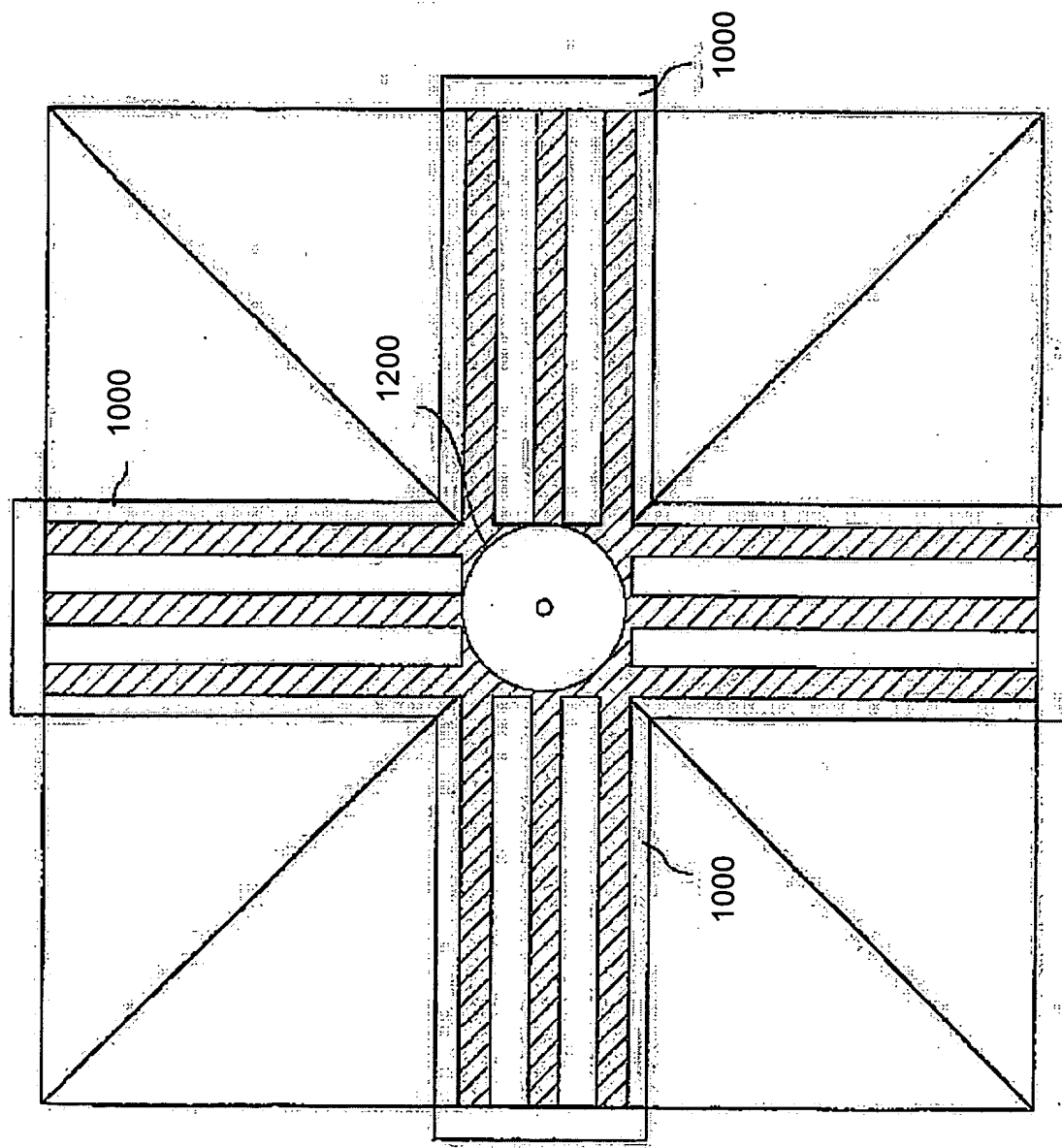


FIG. 12A

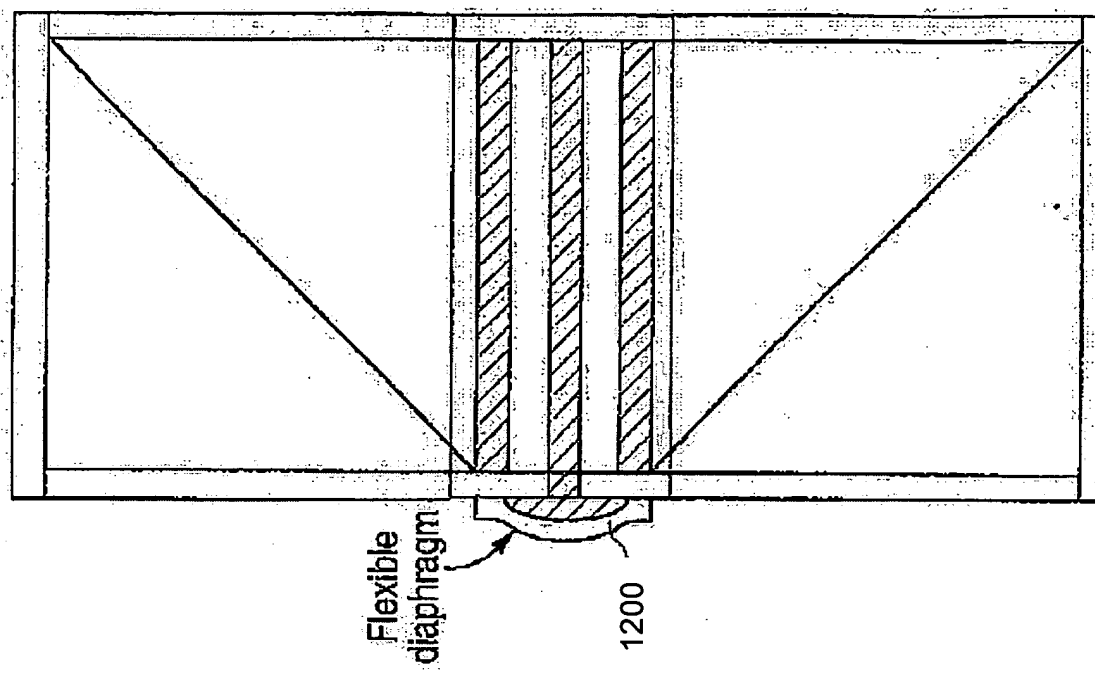


FIG. 12B

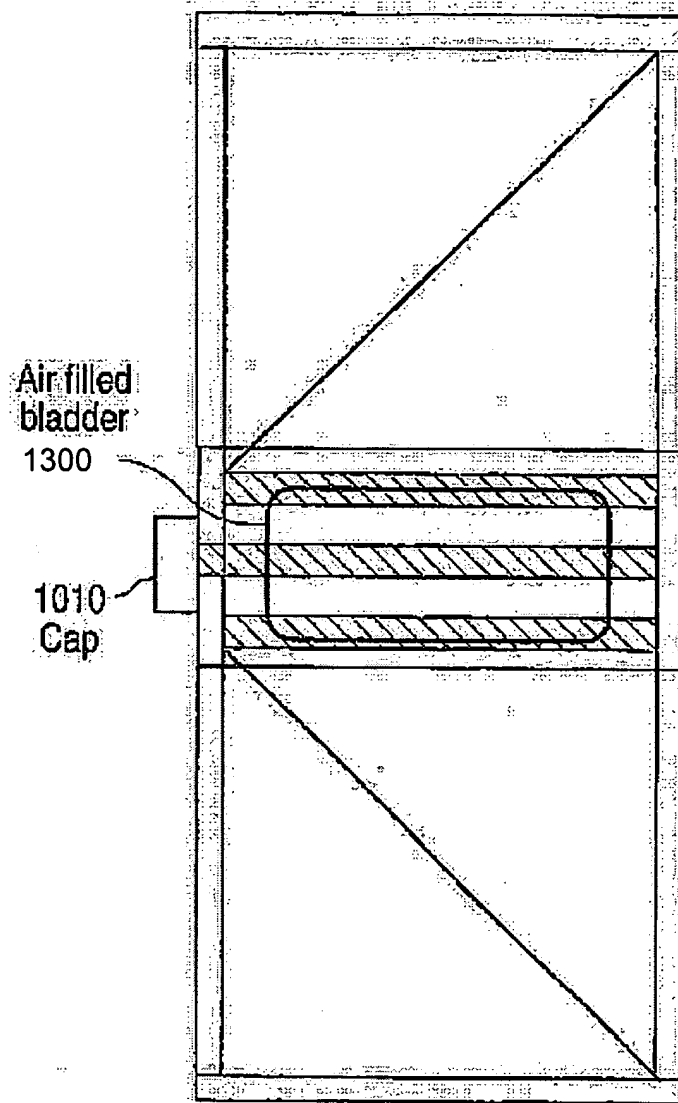


Fig. 13

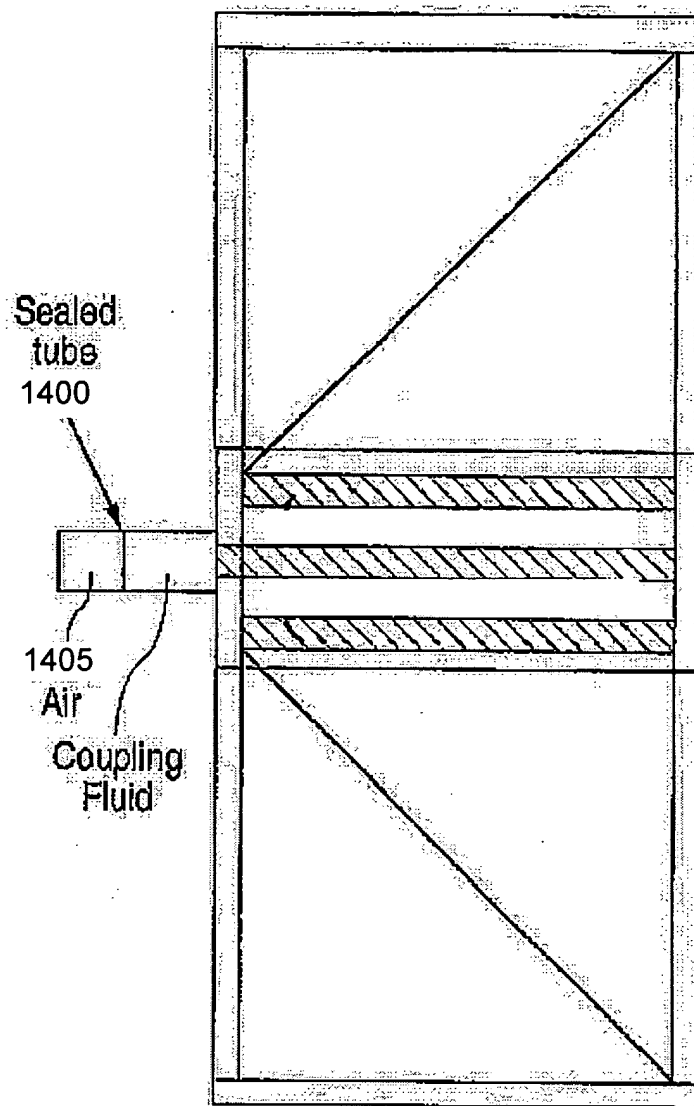


Fig. 14

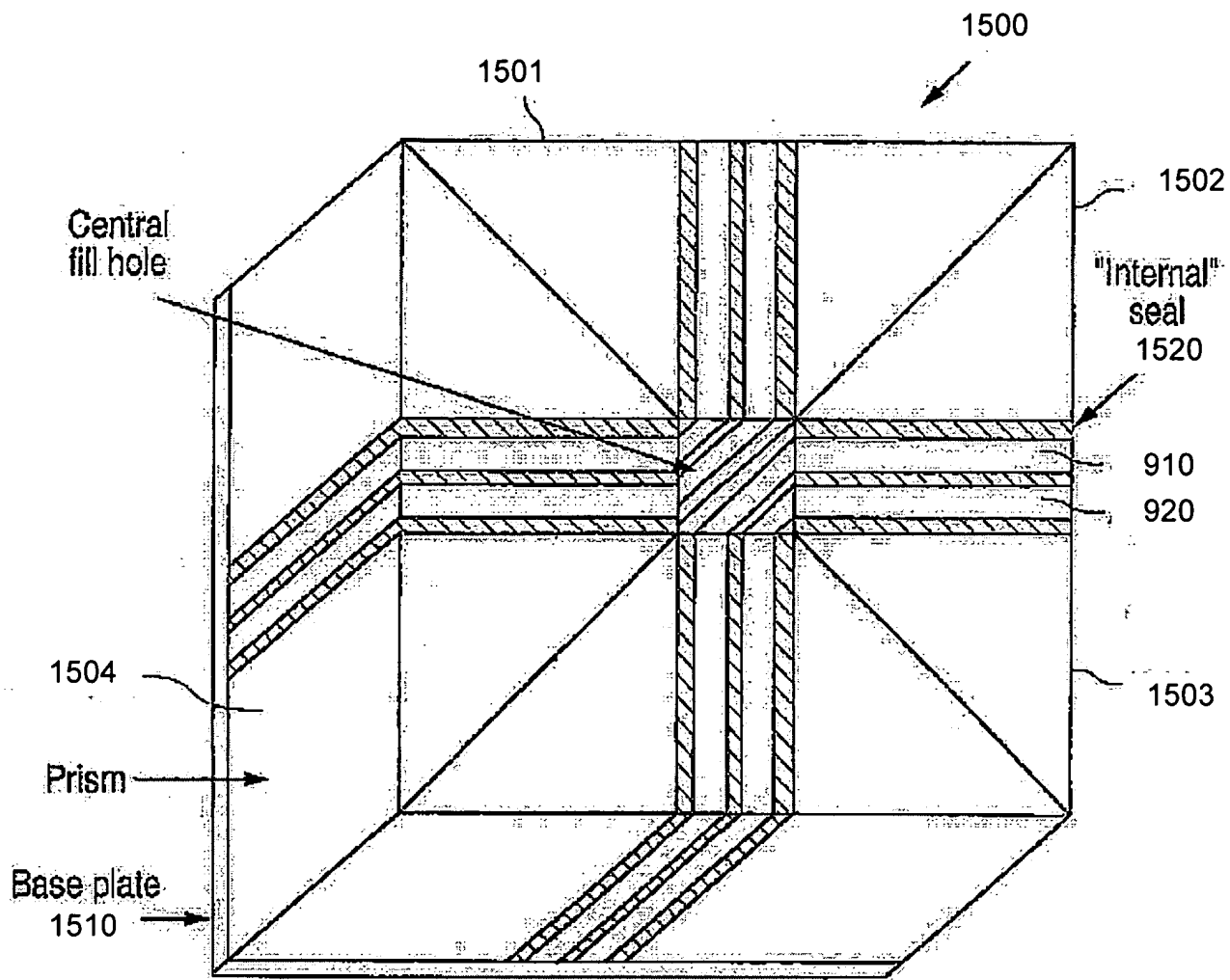


FIG. 15

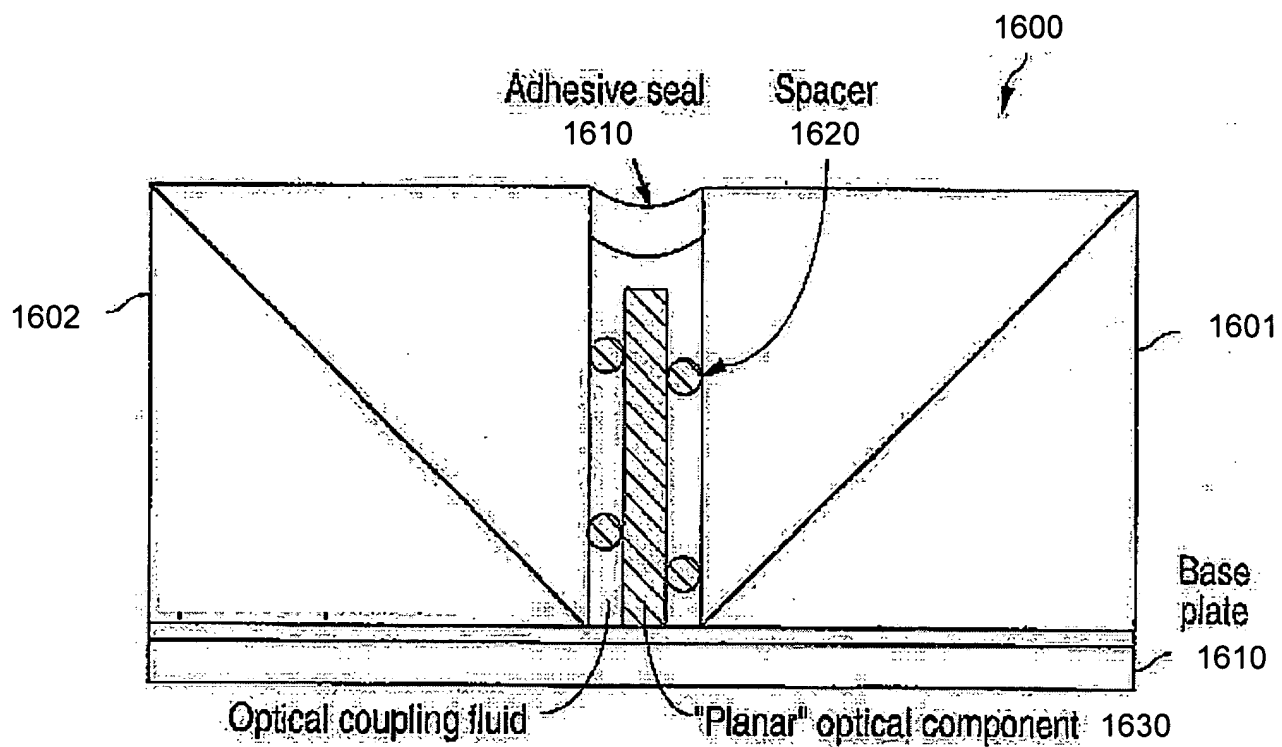
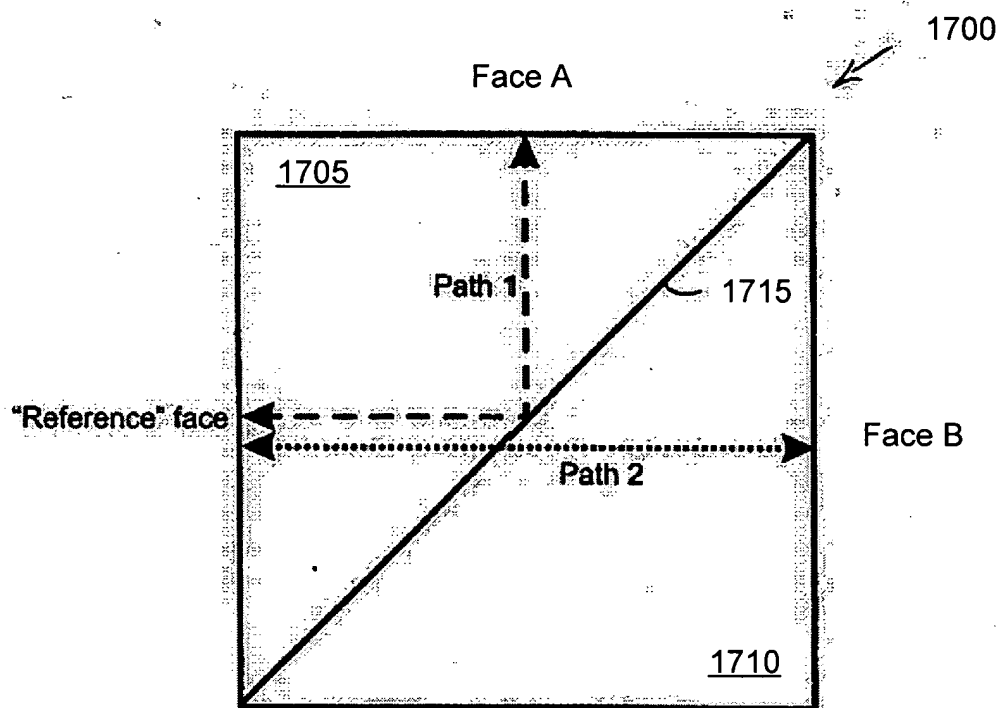


FIG. 16



Length of Path 1 = Length of Path 2

Fig. 17

METHOD TO PRODUCE A PATHLENGTH MATCHED BEAMSPLITTER
(Adjust position of the adjustable stop until the alignment targets are coincident)

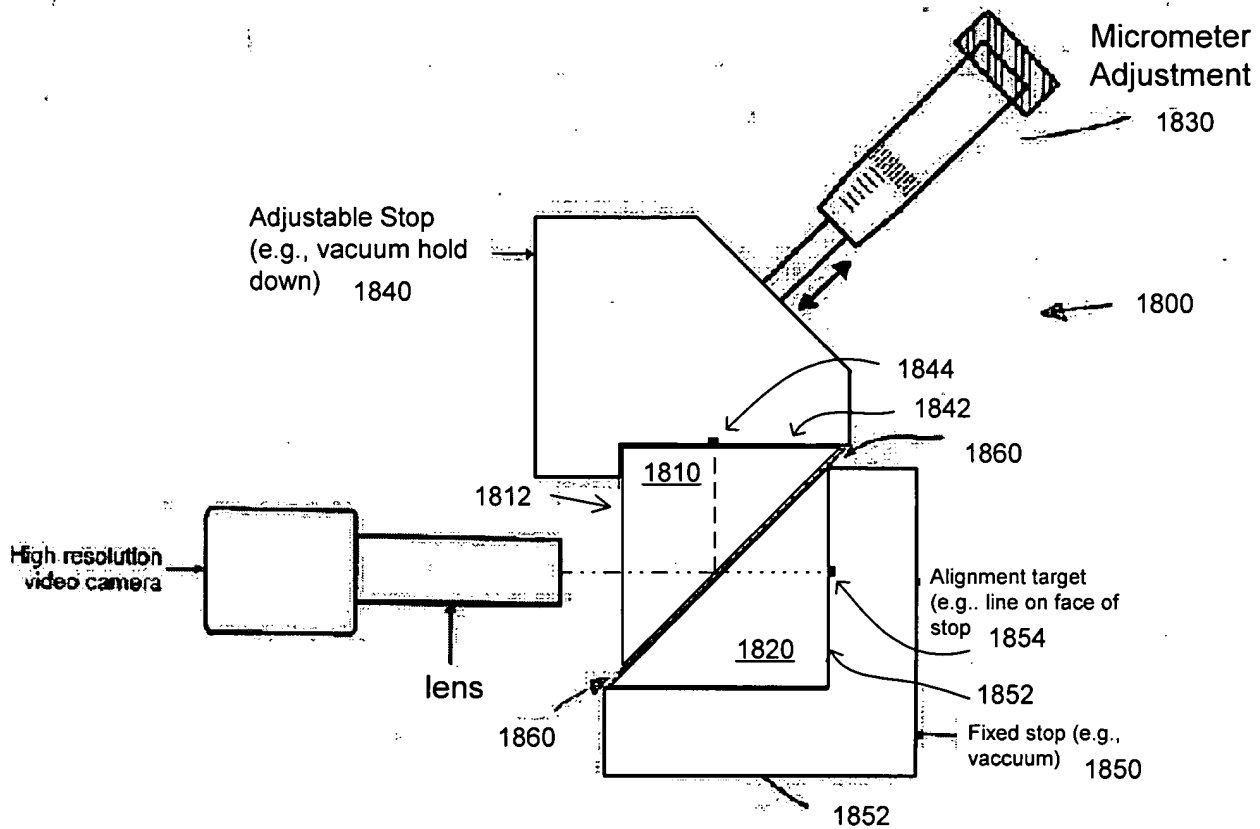


FIG. 18A

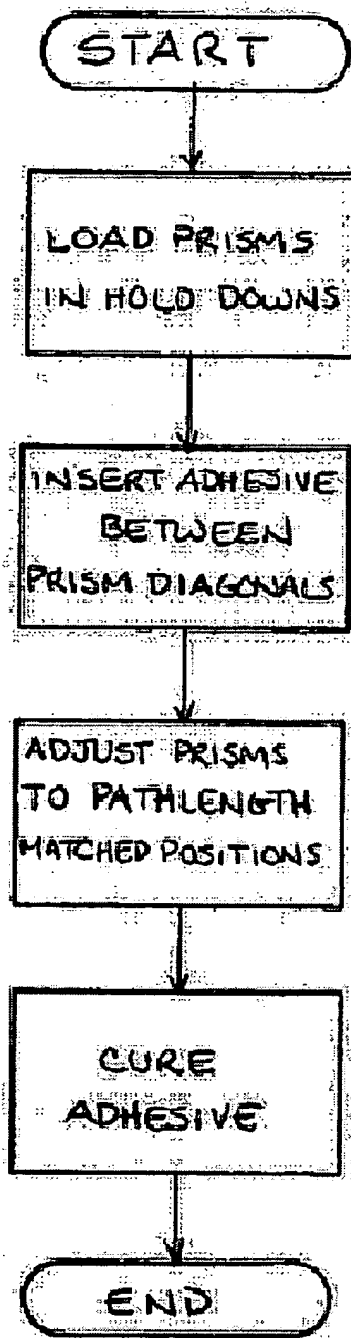


FIG. 18B

PRODUCTION OF A PATHLENGTH MATCHED BEAMSPLITTER
(adjust adjustable stop until targets are simultaneously in focus)

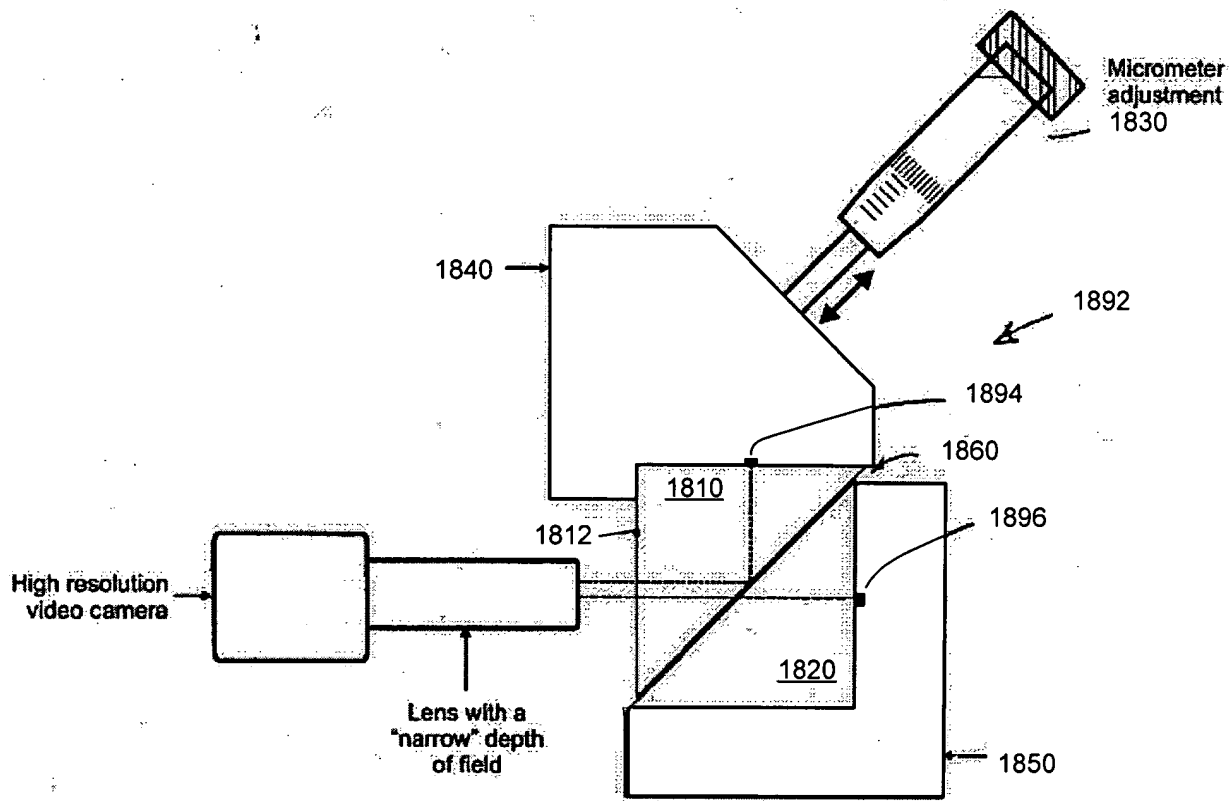


Fig. 18C

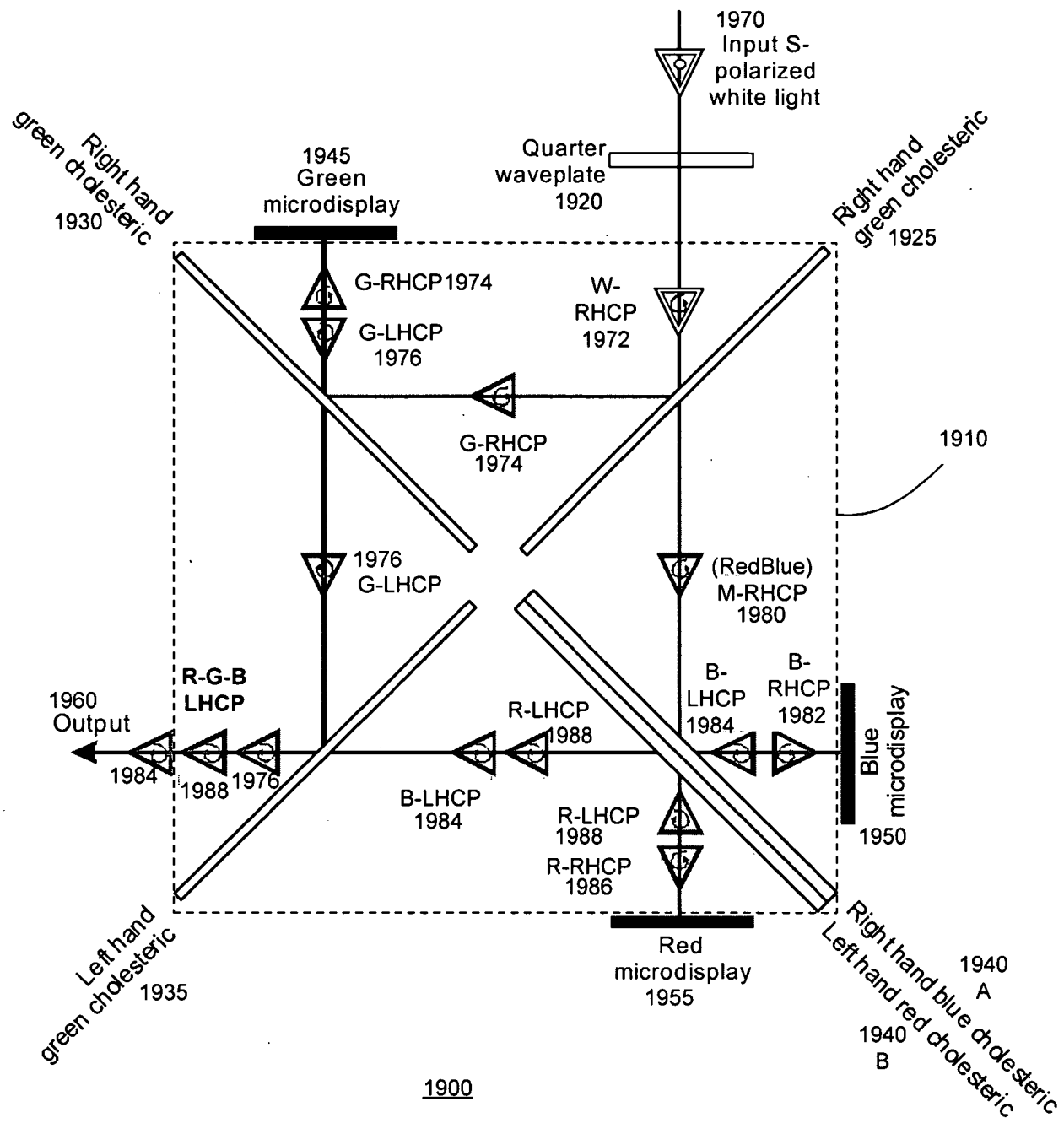


FIG. 19

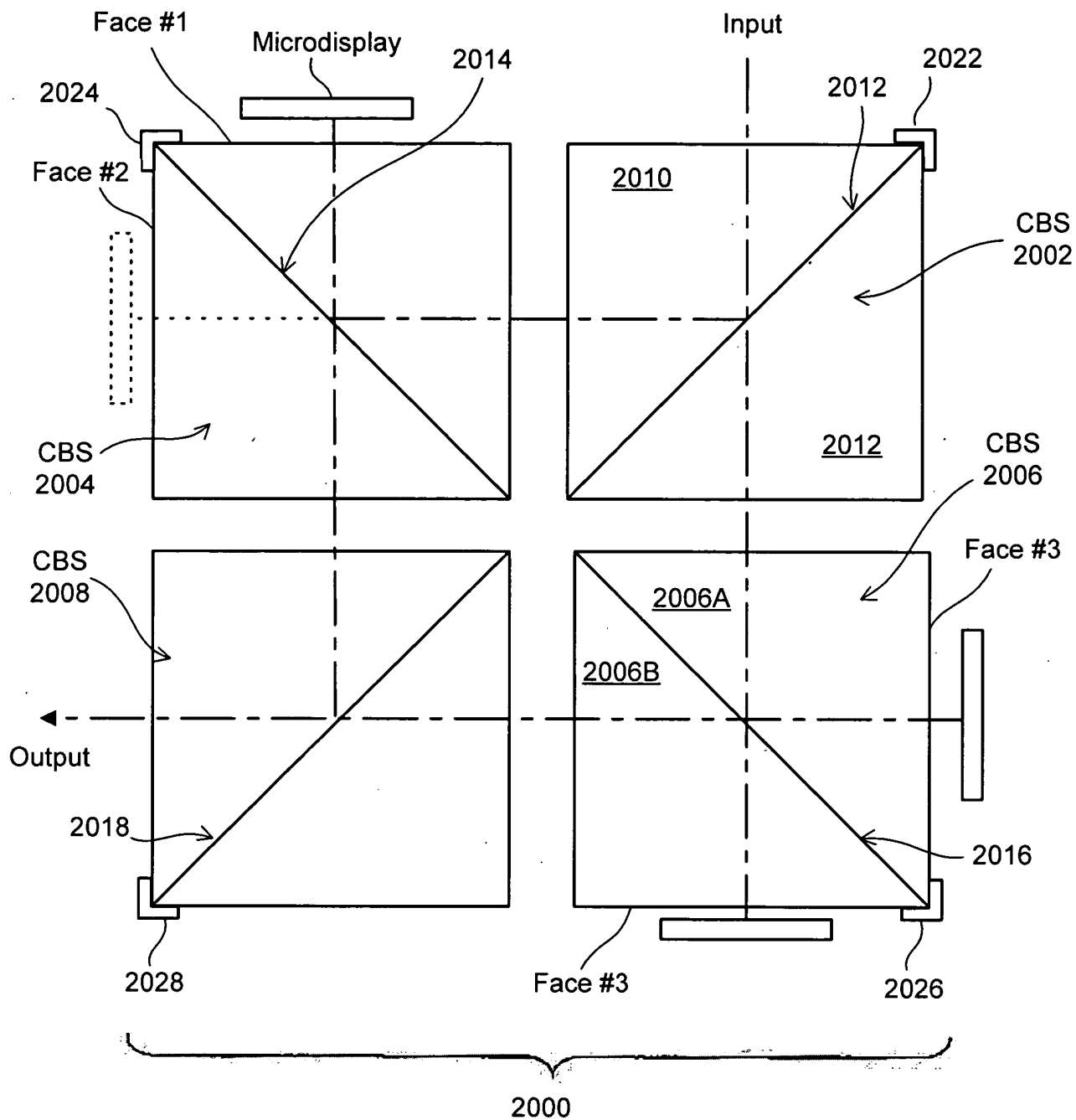


FIG. 20

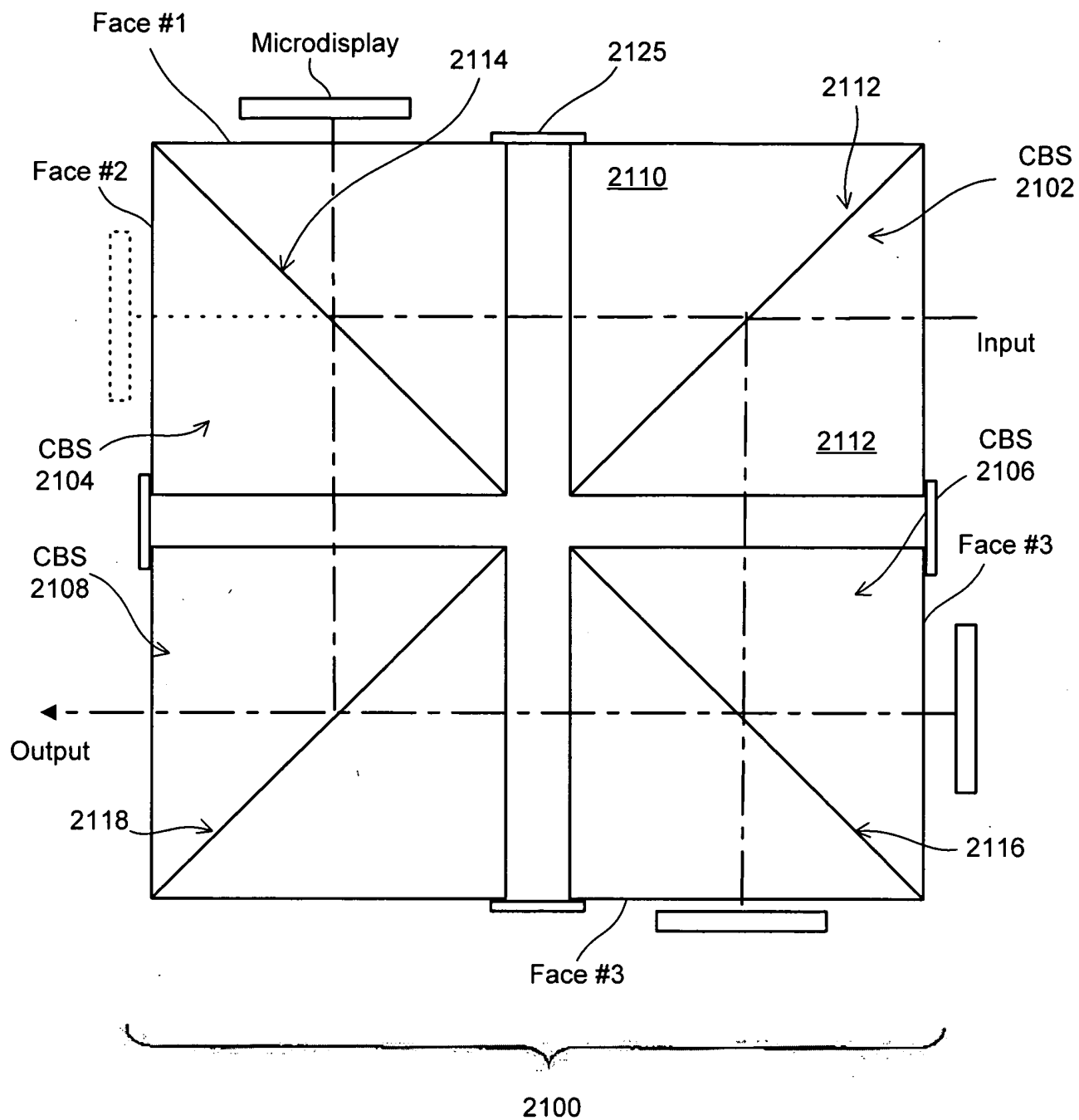


FIG. 21